CLAIMS

What is claimed is:

10

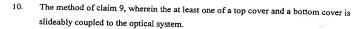
15

- 1. A method of determining a woman's fertility status comprising:
- providing an optical system having a sample receiving surface and an eyepiece, such that a sample is consistently viewed in focus through the optical system without altering a distance measured between the eyepiece and the sample receiving surface;

providing a sample of a bodily fluid from a female;

depositing the sample at the sample receiving portion;

- drying the deposited sample and inspecting the dried sample using the optical system; and
 - correlating the appearance of the dried sample with a reference.
- 2. The method of claim 1, wherein the optical system comprises a multi-lens system.
- The method of claim 2, wherein the geometry of at least one lens is a mirror image of another lens.
- 4. The method of claim 1, wherein the optical system further comprises a condenser.
- 5. The method of claim 4, wherein the condenser reflects light through the dried sample.
- 6. The method of claim 4, wherein the condenser is a refractive condenser.
- The method of claim 1, wherein the optical system further comprises a filter.
- 20 8. The method of claim 1, further comprising providing a protective cover over the optical system.
 - The method of claim 8, wherein the protective cover comprises at least one of a top cover and a bottom cover.



- 11. The method of claim 9, wherein the at least one of a top cover and a bottom cover are pivotably coupled to the optical system.
- 5 12. The method of claim 1, wherein the bodily fluid of a female is selected from the group consisting of saliva and vaginal fluid.
 - 13. The method of claim 1, wherein the step of drying the sample comprises air drying at room temperature for 10min.
 - 14. The method of claim 1, wherein the reference is a reference chart comprising at least one reference image from a fertile period, one reference image from a transition period, and one reference image from a infertile period.